AEE/YPR/SDR/PR/139/19-20 Dt:-30/08/19

Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For other Works) Date.....20.....

No. 1st & Final Bill

Division : RRND

Sub Division : YESHWANTHPURA

Bill Received No.....Date.....

Scheduled Docket No.....

Cash Book Voucher No.....Dated.....

Head of Account.....

Name of work : (as per Sanctioned Estimate) EMERGENCY WORKS IN WARD NO.16

Name of Contractor and full address :SRI.T.CHANDRA SEKAR REDDY

Reference to agreement NoEE/RRND/WO.NO/000028/2019-20 Date: 20.07.2019

Certified that the measurement were taken by me on 29/8/19 and recorded on Page No.39 5527 of measurement Book No.3951 & 39 5534 and that the work is satisfactorily executed.

Officer-in-charge of work

Contractor

Certified that the measurement were checked by me on 29/8/19 and found correct The work is satisfactorily executed.

Certified that the quantities of material shown in column 3 of Account if have been actually brought to the of work and the contractor has not previously received any advance on this security. These Materials are of an imperishable nature and are all required by the contractor for immediate use on the working connection with items for which rates for finished work have been agreed upon. A formal agreement signed and executed by the contractor is recorded in the office.

JOB CODE NO : 016-19-000018

Sub-Division Office

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ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

	If Memorandum of Payment	AMOUNT
1.	Total value of work done or supplies made as per Account with in	Gross Bill Amt :- 17,95,912-00
2.	Deduct amount to be held in reserve being .....percent Rs.....	LT :- 17,960-00
3.	Balance	CGST :- 17,960-00
4.	Deduct Payments	SGST :- 17,960-00
	a) Amount of Previous Payment as in the Office cash BoxVr. No.....Dated.....S.D.No.....	Total LWF :- 17,960-00
	b) Payments.....cost of store or other materials supplied Now Made Recovery of amount Creditable to his / other work Amount paid on this bill by cheque / cash.	CEF :- 2000-00
5.	Balance being unpaid value of work done held in reserve	FSD :- 89796-00
6.	Deduct cash advance made on the Office Cash Book Vr. No..... Dated..... less adjustment.	Royalty :- 25100-00
7.	Net amount due to or from contractor	Total ded :- 188736-00
	Unadjustment Items	Total Amount adjusted .....
8.	Advance to contractor for materials brought site (as detailed) within value of Government materials supplied	Net Amt :- 1607176-00

Contractor's Signature

Received Rs.....in words.....

.....

.....by cash and by adjustment at Payment as per memorandum.

(In final settlement of demand)

Witnesses:

1.

2.

Dated.....

Paid by me by cheque No.....Dated :.....

Cash Rs.....Dated :.....

Initials of Officer making payment

Admitted Rs. 17,95,912/-

Cheque Rs. 16,07,176/- (For use in the Office)

Stamp

Rupees Seventeen Lakhs seven thousand one hundred seventy six only

Adjustment Rs 188736/-

Signature of Contractor

B. Prakash Kumar

Case worker | Accounts Superintendent | Executive Engineer | Exective Engineer

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Sl No	Description	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate	Cost	Qty	Cost	
1	Geophysical investigation of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,IVIWS,PWS by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top in consolidated formation of proper scatting of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other inflomation required including transporetation technical personal and labour etc.,	Each			2.00	1,973.00	3,946.00	2.00	3,946.00	
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap ect.) —a) 00.00 to 50.00mtr	Rmtr			100.00	320.00	32,000.00	100.00	32,000.00	
3	b) 50.00 to "lOO.OOmtr	Rmtr			100.00	419.00	41,900.00	100.00	41,900.00	
4	c) 100.00 to 150.00mtr	Rmtr			100.00	450.00	45,000.00	100.00	45,000.00	
5	d) 150.00 to 200.00mtr	Rmtr			100.00	480.00	48,000.00	100.00	48,000.00	
6	3) 200.00 to 250.00mtr	Rmtr			100.00	570.00	57,000.00	100.00	57,000.00	
7	) 250.00 to 300.00mtr	Rmtr			100.00	611.00	61,100.00	100.00	61,100.00	
8	)) 300.00 to 350.00mtr	Rmtr			100.00	640.00	64,000.00	100.00	64,000.00	
9	Supply of ISI mark 175MM nominal bore plain end Steel casing pipe-grade of steel Fe.410, of wall thickness 5 4 mm thick conforming to IS 4270:2001 and lates amendments electric resistance welded'steel tube materia and conforming to IS 1387/1993 & manufactured by basic open hearth electric or basic oxygen process in random iength of 4 to 7 mtrs. Both ends threaded conforming to IS 554/1985. one end fixed with a socket conforming to IS 4270:2001 and the other end with screwed pipes Ail pipes shall be reasonably free from defects. The tubes shall be reasonably straight, should be with ISI marking, weighing 25.10 kg/mtr (inclusive of all taxes and duties)- Prices include Collar-medium duty	Rmt			100.00	1,389.00	1,38,900.00	100.00	1,38,900.00	
10	Supply of 175mm MS Cap.	Each			2.00	105.00	210.00	2.00	210.00	
11	Supply of 175mm MS Collar.	Each			16.00	157.00	2,512.00	16.00	2,512.00	
12	Supply and delivery of submersible pump sets suitable for borewell of 165mm dia with specified duty conditions as detailed below and satisfying performance characteristics fro pump and motor specified in BIS with ISI mark with a minimum efficiency of 42% pump shall confirm to IS 8034/2002 and motor configuring to IS 9283/1995 with ISI certification (12.5 HP)	Nos			2.00	63,629.00	1,27,258.00	2.00	1,27,258.00	
13	Supply and drawing 3 core flat PVC Sheathed submersible pump cable manufactured with eloctrolytic grade copper conductor confirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming attwached GTP of group A 3C X 6.0 samm	Mtr			1,360.00	158.00	2,14,880.00	1,360.00	2,14,880.00	

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CONTRACT CERTIFICATE
Date ..... 20.....

Sl No	Description	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate	Cost	Qty	Cost	
14	Erection of Pumpset including alligning and balancing with all necessary erection materials and labour inlcuding supply and erection of one pair of supporting clams , borewell cap , cable clips with bolts , nuts , valve gauges etc., involved in the job. (Necessary G.I. pipe and specials will be supplied by the board at the site free of cost)	Nos			2.00	1,887.00	3,774.00	2.00	3,774.00	
15	Providing and fixing in position 50mm nominal bore non-return valve vertical type of approved make including cost Df all materials, labour and HOM of equipments with all eads complete as per specifications.	Nos			2.00	1,410.00	2,820.00	2.00	2,820.00	
16	Supply and fixing 50mm Gl Union.	Nos			4.00	235.00	940.00	4.00	940.00	
17	Supply and fixing 50mm Gl Elbow.	Nos			2.00	117.00	234.00	2.00	234.00	
18	Supply and fixing 50mm Gl Nipple.	Nos			4.00	103.00	412.00	4.00	412.00	
19	Supply and fixing 50mm heavy duty House Collars.	Nos			100.00	108.00	10,800.00	100.00	10,800.00	
20	Supply and delivery at site brand New star / Essen/ Lotus/ Sunshine / Adarsh/ GK Controls best indigenous energy make combined energy meter cum control pannel board unit of size 1200 X 600 X 350mm mechanically strong vermin and water proof.The unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch, locking device with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided the combined energy meter cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 voltsAC supply shall be consists etc, complete the panel board shall be consists etc., complete the panel board shall be fabricated on single unit in the above components panel board for suitable pumpset with Star Delta Starter out door type 10 HP to 15 HP	Nos			2.00	6,700.00	13,400.00	2.00	13,400.00	
21	Providing and fixing to wall, ceiling and floor galvonised/ mild steel tube 50mm dia nominal bore with fittings(medium grade weight 1.27kg/mtr) B class including cost of materials , labour charges. HOM of equipment and tesing complete as per specifications	Rmtr			400.00	431.00	1,72,400.00	400.00	1,72,400.00	
22	Erection of combine Panel borad and meter unit with necessary materials and labour including providing cement concrete foundation bed concrete door type etc complete.	Nos			2.00	500.00	1,000.00	2.00	1,000.00	
23	Supplying of TPST with rewireable porcelain channels in SM encloser made out of 14 SWG powder coated paint of approved colour 32 amps Group A	Nos			2.00	320.00	640.00	2.00	640.00	
24	Supplying and fixing 20"x20"x2 5" polished wood board made of not less than 15mm thick plank with front plank one end provided for holding at other end fixing the same of the valve using through bolts and nuts	Nos			2.00	317.00	634.00	2.00	634.00	
25	Supplying and fixing LED type pannel board indicating amp with required colous suitable for 220 V AC 50Hz 12/24VDC	Nos			2.00	463.00	926.00	2.00	926.00	
26	Wiring for lightnening/ power circuit using one of FRLS PVC Insulated 1100 V grade multistrand copper conductor single core wire in open or concealed system of wiring as Der IS 694:1990 and confirming to the attatched GTP of group A. 4Sqmm.	Mtr			72.00	50.00	3,600.00	72.00	3,600.00	
27	rixing a shunt capacity upto 5KVAR capacity with necessary clamps, bolts and nuts on existing woden or netal board including banking of more than one capacitor.	Mtr			6.00	150.00	900.00	6.00	900.00	
28	Supplying and fixing regular MCB distribution boards on vail/wood board / Flush mounting using required clamps, lolts , nuts with provision for fixing suitable type capacity /ICB's single phase / 3 phase / single door with powder oated painting. Made out of 14 SWG M.S enclosure. 12A SP and N	Nos			2.00	1,098.00	2,196.00	2.00	2,196.00	

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Sl No	Description	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate	Cost	Qty	Cost	
29	Supplying and fixing wiring earth electrode for grounding conduits IC Cutouts and other equipments on the meter board using 40mm dia 2.90mm thick G.I. pipe 2.5Mtr long buried in a pit.....The pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth The connections from the pipe to the conduit etc., is to be established though Gl wire of size as per ISi specification 7.3.3 of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc., the pipe shall have 16though holes of 122mm dia	Nos			2.00	2,859.00	5,718.00	2.00	5,718.00	
30	Supplying fully automatic Star delta starter unit push button type with suitable wires 3 contractors and adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400 / 400 volts phase and wired after fixing to the existing wooden board for motor Group A II above 15HP up to 25 HP	Each			2.00	6,901.00	13,802.00	2.00	13,802.00	
31	Supplying and fixing Class A (Medium duty) -Gl pipe wall thickness not less than 3.25mm on pole/wall/Drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 65mm	Mtr			12.00	600.00	7,200.00	12.00	7,200.00	
32	Supplying laying of 1.1KV class L.TU.G Cable having aluminium conductor PVC insulated extruded inner shethed galvanised steel strip (except 2C X 10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554, Part -1:1988 & confirming to the attached GTP of Group A 3.5 core to 25 Sqmm	Mtr			60.00	174.00	10,440.00	60.00	10,440.00	
33	Labour Charges for laying of 1.1 KV class UG cable 6Sqmm to 16 sqmm	Mtr			60.00	11.00	660.00	60.00	660.00	
34	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating in Hard soil etc., complete as per specification and direction of Engineer-in-Charge	Mtr			50.00	111.00	5,550.00	50.00	5,550.00	
35	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen / insulating compound complete. With terminals, clamps, bolts nuts and washers etc., complete for 16 Sqmm as per specification	Each			2.00	294.00	588.00	2.00	588.00	
36	Supplying and fixing Porcelain fuse channel with cut out on the existing wooden block & wiring complete 32 amps	Nos			6.00	189.00	1,134.00	6.00	1,134.00	
37	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1,5m and above in width, in ordinary soil oot exceeding 1.5 m. in depth including dressing the oottom and sides of pits and trenches, stacking the ;xcavated soil clear from edges of excavation with lead jpto 50 m. after breaking of clods complete as per specifications, specification	Cum			126.36	332.00	41,951.52	126.36	41,951.52	
38	3roviding and fixing Chorinated Poly Venyl Chloride CPVC) pipes conforming to IS 15778, having thermal tability for hot and cold water supply including all CPVC ilain and brass threaded fittings, this includes jointing of ipes and fittings with one step CPVC solvent cement and ssting of joints complete, (external work) - 50mm nominal)D pipes	Mtr			139.32 368.00	480.00	66874 1,76,640.00	139.32 368.00	66874. 1,76,640.00	
39	Providing and fixing Chonnated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete, (external work). -20mm nominal OD pipes	Mtr			139.32 200.00	174.00	24242 34,800.00	139.32 200.00	24242 34,800.00	

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Sl No	Description	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate	Cost	Qty	Cost	
40	Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 63mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications	Mtr			100.00	300.00	30,000.00	100.00	30,000.00	
41	Refilling available around earth pipe lines,cables in layers mot exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. And lift uptc 1.5m. Including cost of all labour complete as per specifications	Cum			126.36	127.00	16,047.72	126.36	16,047.72	
42	Loading and unloading of stone boulder/stone aggregates/sand/kanker/ moorum. KSRRB M100-1 Placing tipper at loading point, loading with front end loader.dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1	Cum			126.36	100.00	12,636.00	126.36	12,636.00	
43	Providing and fixing in position brass gate valve with C.I.wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications.	Each			30.00	1,932.00	57,960.00	30.00	57,960.00	
44	Providing and fixing Making connection of G.I.distribution branch with G.I.main of 25mm to 40mm. Nominal bore, including cutting and threading the pipes,providing and fixing Tee, nuts,labour for all item of works.testing and HOM of equipments complete as per specifications	Each			30.00	537.00	16,110.00	30.00	16,110.00	
45	Providing and fixing in position brass stop cock of approved quality 15mm nominal,bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each			50.00	157.00	7,850.00	50.00	7,850.00	
46	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine nixed, machine mixed, concrete laid in layers not sxceeding 15 cms. thick, well compacted, in foundation, ncluding cost of all materials, labour, HOM of machinery, ;uring complete as per specifications.	Cum			31.59	5,669.00	1,79,083.71	31.59	1,79,083.71	
47	Providing and laying cement concrete using 20 mm and iown size granite coarse aggregates and fine aggregates >f ready mixed concrete (RMC) M 20 for R.C.C works laid n 15 cms thick layers and well compacted vibrating, curing, or raft foundation column footing , main and secondary >eams with all lead and lifts etc., complete (exclusive of ost of steel and fabrication charges.)	Cum			21.06	6,000.00	1,26,360.00	21.06	1,26,360.00	
	TOTAL						17,95,912.95		17,95,912.95	

Certificate

1 This is to certify that the Contractor has cleared the debries from the work spot.
2 The Contractor has used his own vehicle for conveying the debries.
3 There are no departmental issues for the above work.

Rupees.....

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